

# Notice of Allowability

Application No.

10/816,160

Examiner

Ling-Siu Choi

Applicant(s)

UCKERT ET AL.

Art Unit

1713

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed 10/13/2006.
2. ☒ The allowed claim(s) is/are 2-11 and 14.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### **DETAILED ACTION**

1. This Office Action is in response to the Amendment filed 10/13/2006 and the Terminal Disclaimer filed 02/06/2007. Claims 1, 12-13, and 15-20 were canceled. Claims 2-11 and 14 are now pending, wherein claims **2-11** are drawn to a copolymer and claims **14** is drawn to an electronic device.

#### ***Examiner's Amendment***

2 An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CAR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

3. The application has been amended as follows:

In the Specification, page 1, below the title "BACKGROUND OF THE INVENTION", insert the following paragraph:

--This application is a Divisional of US Application No. 10/139,002, filed May 03, 2002, now US Patent No. 7,074,886, which claims the benefit of 60/288,333, filed May 07, 2001.--

**Allowable Subject Matter**

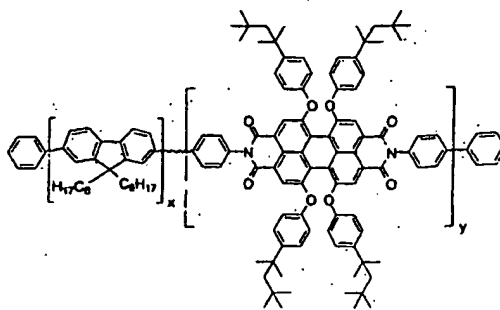
4. Claims 2-11 and 14 are allowed.

5. The following is an examiner's statement of reasons for allowance:

The present claims are allowable over the closest references: Becker et al. (WO 01/42331 A1).

A polymer comprising	A. at least a first monomeric unit selected from Formula I
	B. at least one second monomeric unit selected from Formulae II - XI
	with the proviso that the polymer contains at least one R substituent having the formula of $-C_{\psi}F_{2\psi+1}$

Becker et al. disclose poly [2,7-(9,9-di-n-octylfluorene))-co-[4,4'-(N,N'-diphenyl)-[1,6,7,12-tetra [4-(1,1,3,3-tetramethylbutyl)phenoxyperylene]-3,4:9,10-tetracarboxdiimide]:



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(Example 3). However, Becker et al. do not teach or fairly suggest the claimed polymer which has at least one R of Formula I to be  $-C_{\psi}F_{2\psi+1}$  and the device comprising it.

**Conclusion**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ling-Siu Choi whose telephone number is 571-272-1098.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wu, can be reach on 571-272-1114.



LING-SUI CHOI  
PRIMARY EXAMINER

February 14, 2007